

Patent Abstracts of Japan

PUBLICATION NUMBER : 10213405
PUBLICATION DATE : 11-08-98

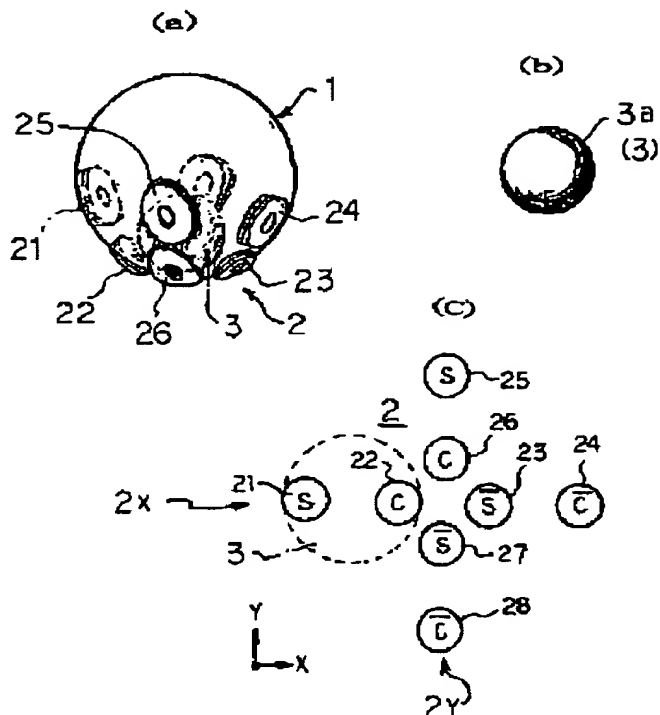
APPLICATION DATE : 29-12-97
APPLICATION NUMBER : 09368345

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INT.CL. : G01B 7/00

TITLE : SPHERICAL BODY SENSOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide an induction type new spherical body sensor, which senses the arbitrary, free movement applied from the outside.

SOLUTION: The following parts are provided. A case 1 comprises a nonmagnetic body having at least the lower surface in a curved-surface shape. A magnetic response member 3 is contained in the case 1 so that the member is freely moved in accordance with gravity. A coil part 2 is provided at the specified arrangement at least at the above described lower surface of the case 1 and generates the induced output voltage in response to the relative position of the magnetic response member 3. Then, the case 1 is rolled, fluctuated or inclined in response to the movement applied on the case 1 from the outside. The magnetic response member 3 is relatively displaced in the case 1 in response to the motion of the case 1. The induced output voltage generated in a coil part 2 is changed in response to the displacement. Thus, the induced output signal, which senses the displacement of the case 1 in response to the movement applied from the above described outside, is obtained.

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